



Chichester Rural District Council.

ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE YEAR

==1939==

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THE PUBLIC HEALTH COMMITTEE.

(To September, 1939)

Chairman :

MAJOR A. E. LEVIN.

Vice-Chairman :

DR. H. L. LUCKING.

MR. E. G. ARNELL.

MR. G. A. BAYLEY.

CAPT. T. C. BOLSTER.

MR. H. N. BOOKER.

MR. W. J. HOBBS.

MR. G. N. HUBBARD.

MR. W. G. JAMES.

MR. A. A. JACQUES.

MR. JOHN LANGMEAD.

MR. H. M. LEWIS.

MR. W. LOVEYS.

MR. C. C. MARSHALL.

MR. G. S. MUIR.

MR. P. S. PARRIS.

DR. C. R. SADLER.

MAJOR V. A. TYLOR.

STAFF OF PUBLIC HEALTH DEPARTMENT.

Medical Officer of Health.

ROBERT HEYWOOD WILSHAW, M.D., M.R.C.P., D.P.H., (to 31/8/39).

ERIC WARD, M.R.C.S., L.R.C.P., D.P.H., (from 1/9/39).

Sanitary Inspectors.

S. T. TAYLOR : x *

L. J. LEWIS : x

W. K. FRIPP † †

(Absent on Service with H. M. Forces, from 28/8/39)

Clerical Staff.

J. WESTBROOK.

MISS J. FIELD (Appointed 29/9/39)

MISS M. YARDY.

D. SKELTON (Resigned 7/10/39)

† Additional Sanitary Inspector.

: Inspector's Certificate of Royal Sanitary Institute.

x Certificate of Royal Sanitary Institute for Inspecting Meat and other Foods.

* Certificate of the Institute of Hygiene.

‡ Certificate of Royal Sanitary Institute and Sanitary Inspectors Joint Examination Board.

CHICHESTER RURAL DISTRICT COUNCIL.

EAST PALLANT HOUSE,
CHICHESTER.

March, 1941.

*To the Chairman and Members of the
War time Executive Committee.*

Mr. Chairman and Gentlemen,

I have the honour to present to you my first Annual Report on the health of the Chichester Rural District and the work done in the Public Health Department in the year 1939. The report, the 7th in the series since the formation of the district in 1933 has been compiled in accordance with the requirements of Circular 1961 of the Ministry of Health.

During the greater time of the period under review, Dr. R. H. Wilshaw was responsible for the work undertaken by the Department, and I wish to place on record my appreciation of the help he gave me when I took up my appointment on 1st September, 1939.

The outstanding events of the year were the outbreak of war and the intensive Air Raid Precautions work which preceeded it. These circumstances necessitated much curtailment of routine Public Health work such as house inspection, water sampling, etc. The district was scheduled as a Reception Area under the Government Evacuation Scheme, and in the early days of September, 2974 members of the priority classes were received in the various parishes of the Rural District. On arrival a few of the children were found to be verminous, whilst others were suffering from Scabies, but no serious outbreak of contagious disease occurred. Apart from some increase in the incidence of Scarlet Fever during the last quarter of the year, there has been little change in the occurrence of Infectious Disease.

I wish to tender my thanks to the Chairman and Members of the Council for their support and to all members of the staff for their loyal co-operation and assistance during the year.

I am,

Your obedient Serviant,

ERIC WARD,

Medical Officer of Health.

SUMMARY OF STATISTICS.

1. General Statistics.

Area in acres	...	...	...	...	...	103,008
Enumerated Population (census 1931)	...	...	...	...	...	28,888
Enumerated Population (National Registration Day, October, 1939)	...	...	...	...	...	44,318
Registrar General's Estimate of population, middle of 1939	...	...	...	...	...	35,250
Number of Inhabited Houses at end of 1939	...	...	...	...	...	12,317
Rateable Value (April, 1939)	...	...	...	...	...	£286,038
Sum represented by a Penny Rate, (March, 1939)	...	...	...	...	...	£1,212

2. Extracts from Vital Statistics.

<i>Live Births :</i>				<i>Male.</i>	<i>Female</i>	<i>Total.</i>
Legitimate	...	...	...	273	262	535
Illegitimate	...	...	...	17	14	31
				<hr/>	<hr/>	<hr/>
				290	276	566
				<hr/>	<hr/>	<hr/>

Rate per 1,000 of estimated resident population :— 16.05

Still Births :—

Legitimate	...	...	...	11	6	17
Illegitimate	...	...	...	—	1	1
				<hr/>	<hr/>	<hr/>
			Total	11	7	18
				<hr/>	<hr/>	<hr/>

Rate per 1,000 of total (live and still) births :— 30.61

Deaths (Males 233, Females 196)	...	...	...	...	429
Crude Death Rate per 1,000 of estimated resident population.	...	...	...	...	11.55
Death Rate (adjusted by R.G.'s A.C.F. figure 0.84)	...	...	...	...	9.70

Deaths from Puerperal Causes :—

				<i>Deaths</i>	<i>Rate per 1,000 total live and still births.</i>
Puerperal Sepsis	...	...	...	—	—
Other Puerperal Causes	...	...	...	2	3.21
				<hr/>	<hr/>
			Total	2	3.21
				<hr/>	<hr/>

Number of Deaths of Infants under 1 year of age ... 18

Death Rate of Infants under 1 year of age :—

All Infants per 1,000 live births	...	...	...	...	29.75
Legitimate Infants per 1,000 legitimate live births	...	...	...	...	26.13
Illegitimate Infants per 1,000 illegitimate live births	...	...	...	...	96.77

Death Rates per 1,000 population from :—

Pulmonary Tuberculosis	...	...	...	...	...	0.296
All forms of Tuberculosis	...	...	...	...	...	0.40
Respiratory Diseases (excluding Pulmonary Tuberculosis)	...	...	...	...	...	0.72
Cancer	...	...	...	...	...	1.45
Principal Zymotic Diseases : Smallpox, Enteric Fever, Measles, Scarlet Fever, Whooping Cough, Diphtheria and Membranous Croup	...	...	...	...	...	—
Deaths from Measles (all ages)	...	...	...	...	...	—
Deaths from Whooping Cough (all ages)	...	...	...	...	...	—
Deaths from Diarrhoea (children under 2 years of age)	...	...	...	...	...	2
Death Rate from Diarrhoea and Enteritis of Children under 2 years of age, per 1,000 births	...	...	...	...	...	0.036

Section I.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

VITAL STATISTICS.

Births.

After adjustment for inward and outward transferable deaths, a net total of 566 live births (290 males, 276 females) was registered in the District during the year.

The BIRTH RATE is 16.05 per 1,000 of the population, as compared with 16.3 for the previous year, 15.1 for England and Wales, and 13.5 and 14.9 for Urban and Rural Districts of West Sussex.

The illegitimate live births numbered 31, or 5.47 per cent of the total live births, a decrease of 7 on the previous year.

Stillbirths.

After adjustment for transfers, 18 stillbirths were registered during the year. This figure gives a rate of 30.08 per 1,000 live and stillbirths and .51 per 1000 of the population, as compared with 32.7 and .55 respectively in 1938.

Deaths.

After correction for transferable deaths, the net total deaths registered in the district was 429 (233 males, 196 females), an increase of 43 on the total for 1938.

The DEATH RATE is 11.55 per 1,000 of the population, as compared with 11.2 for the previous year, 12.1 for England and Wales and 13.3 and 11.9 for the Urban and Rural Districts of West Sussex.

A table on page 9 shows the age and sex distribution and cause of deaths in 1939. Of the total deaths, 265 of 61.77 per cent occurred in persons aged 65 years or over.

The following are the chief causes of death in order of frequency :—

Diseases of the heart and circulatory system	...	169
Cancer	... ..	54
Suicide and other forms of violence	... ..	37
Cerebral Haemorrhage	... ..	24
Respiratory diseases, excluding Tuberculosis	...	26
All forms of Tuberculosis	... ..	16

These six causes accounted for 76 per cent of the total deaths.

Maternal Deaths.

There were 2 deaths directly due to pregnancy or child bearing, compared with 2 for the previous year. The Maternal Mortality Rate is 3.30 per 1,000 live births as compared with 3.4 for the previous year, 2.82 for England and Wales and 2.9 and 3.0 for the Urban and Rural Districts of West Sussex.

Infantile Mortality.

After correction for transferable deaths, there were 18 deaths (13 males, 5 females) of infants under one year of age.

The INFANT MORTALITY is 29.75 per 1,000 births, as compared with 55 for the previous year, 50 for England and Wales and 30 and 37 for the Urban and Rural Districts of West Sussex.

The death rate amongst legitimate infants per 1,000 live births is 26.13, as compared with 55 in 1938.

Of the 18 infant deaths, 3 were those of illegitimate children. The death rate of illegitimate infants per 1,000 illegitimate births is 96.77, as against 53 for the previous year.

INFANTILE MORTALITY.

The following table gives the causes of death of children at various ages under one year. Of the 18 deaths, 12 occurred in infants under 4 weeks old, equivalent to neo-natal mortality of 19.83 per thousand births.

Cause of death.	Under 1 day	1-2 days	2-5 days	5-7 days	Total under 1 week	1-2 weeks	2-4 weeks	Total under 1 month	1-3 months	3-6 months	6-9 months	9-12 months	Total under 1 year
(1) Prematurity.	3	...	4	...	7	...	...	7	...	...	...	...	7
(2) Congenital Malformations	...	...	...	...	...	1	...	1	1	...	1	...	3
(3) Bronchitis.	...	...	...	...	...	...	...	...	...	1	...	...	1
(4) Pneumonia.	...	...	...	...	...	...	...	...	...	1	...	...	1
(5) Birth Injuries.	2	...	...	...	2	...	...	2	...	...	...	...	2
(6) Diarrhoea and Vomiting.	...	...	...	...	...	...	...	...	1	...	...	...	1
(7) Other Conditions.	1	1	...	...	2	...	...	2	1	...	...	...	3
All causes.	6	1	4	...	11	1	...	12	3	2	1	...	18

Table of Causes of Death at Different Periods of Life during the Year 1939

CAUSES OF DEATH	Sex	All Ages	0—	1—	2—	5—	15—	25—	35—	45—	55—	65—	75—
ALL CAUSES...	M	233	13	3	...	3	9	10	11	9	39	57	79
	F	196	5	1	1	...	1	5	6	17	32	53	75
1 Typhoid, etc.	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
2 Measles	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
3 Scarlet Fever	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
4 Whooping Cough	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
5 Diphtheria	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
6 Influenza	M	6	...	...	...	...	...	...	...	...	2	2	2
	F	...	...	...	...	...	...	...	...	...	...	...	...
7 Encephalitis Lethargica	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
8 Cerebro-spinal Fever	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
9 Tuberculosis, respiratory system	M	6	...	...	...	...	1	2	1	...	1	...	1
	F	5	...	...	...	...	...	1	1	...	...	3	...
10 Other Tuberculous diseases	M	4	...	2	...	...	...	...	1	1	...	...	...
	F	1	...	1	...	...	...	...	...	...	...	...	...
11 Syphilis	M	1	...	...	...	...	...	...	...	...	1	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
12 General paralysis of insane, tabes, dorsalis	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
13 Cancer, malignant disease	M	21	...	...	...	...	...	...	...	1	9	6	5
	F	33	...	...	...	...	...	...	...	6	7	8	12
14 Diabetes	M	1	...	...	...	...	...	...	...	...	...	1	...
	F	5	...	...	...	...	...	...	...	...	3	2	...
15 Cerebral haemorrhage, etc.	M	10	...	...	...	...	...	...	...	1	1	4	4
	F	14	...	...	...	...	...	...	...	1	3	3	7
16 Heart disease	M	78	...	...	...	...	...	1	1	4	11	21	40
	F	72	...	...	1	...	...	1	1	6	8	23	32
17 Aneurysm	M	2	...	...	...	...	...	...	1	...	...	1	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
18 Other circulatory diseases	M	8	...	...	...	...	...	...	...	...	1	3	4
	F	9	...	...	...	...	...	...	...	...	2	...	7
19 Bronchitis	M	7	1	...	...	...	...	...	...	...	1	2	3
	F	3	...	...	...	...	...	...	...	...	...	1	2
20 Pneumonia (all forms)	M	7	...	...	...	1	...	...	...	...	1	3	2
	F	5	1	...	...	...	...	...	...	...	1	1	2
21 Other respiratory diseases	M	3	...	...	...	...	1	...	...	...	...	2	...
	F	1	...	...	...	...	...	...	1	...	...	...	...
22 Peptic ulcer	M	3	...	...	...	...	...	...	1	...	2	...	...
	F	1	...	...	...	...	...	...	...	...	...	1	...
23 Diarrhoea, etc.	M	2	1	1	...	...	...	...	...	...	...	...	...
	F	1	...	...	...	...	...	...	...	...	...	1	...
24 Appendicitis	M	1	...	...	...	...	...	...	1	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
25 Cirrhosis of liver	M	1	...	...	...	...	...	...	...	...	1	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
26 Other diseases of Liver, etc.	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
27 Other digestive diseases	M	4	1	...	...	...	1	...	1	...	...	...	1
	F	5	...	...	...	...	...	...	...	1	2	2	...
28 Acute and chronic nephritis	M	5	...	...	...	...	...	1	...	...	...	3	1
	F	2	...	...	...	...	...	...	...	...	...	1	1
29 Puerperal sepsis	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	2	...	...	...	...	...	2	...	...	...	...	...
30 Other puerperal causes	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
31 Congenital debility, pre-mature birth, etc.	M	10	10	...	...	...	...	...	...	...	...	...	...
	F	4	4	...	...	...	...	...	...	...	...	...	...
32 Senility	M	4	...	...	...	...	...	...	...	...	...	...	4
	F	7	...	...	...	...	...	...	...	...	...	...	7
33 Suicide	M	4	...	...	...	...	...	...	1	...	2	1	...
	F	2	...	...	...	...	...	...	...	...	1	1	...
34 Other violence	M	24	...	...	...	1	6	5	2	2	2	...	6
	F	7	...	...	...	...	...	...	1	1	1	2	2
35 Other defined diseases	M	21	...	...	...	1	...	1	1	...	4	8	6
	F	17	...	...	...	...	1	1	2	2	4	4	3
36 Causes ill-defined or unknown.	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...

Section II.

GENERAL PROVISIONS OF HEALTH SERVICES FOR THE AREA.

Staff.

Full particulars of the Staff of the Department are given at the beginning of the report.

Laboratory Facilities.

Laboratory work for the Department is carried out at the Laboratories of the West Sussex County Council and the Royal West Sussex Hospital.

Details of the examinations made during the year are given below :—

	<i>West Sussex County Council.</i>		<i>Royal West Sussex Hospital.</i>	
	<i>Number examined</i>	<i>Number positive</i>	<i>Number examined</i>	<i>Number positive</i>
Throat Swabs for Diphtheria	6	1	112	2
Nose and Throat Swabs for other conditions	—	—	1	—
Widal Tests	—	—	5	—
Faeces and Urine ...	2	—	11	—
Cerebro Spinal Fluid	—	—	—	—
Other examinations ...	1	—	—	—
Totals	9	1	129	2

Ambulance Facilities.

There has been no change in the arrangements as detailed in the Annual Report for 1938.

(a) **Infectious Cases :** The ambulances of the Chichester City and Bognor Regis Isolation Hospitals are used for the removal of these cases.

(b) **Non-infectious Cases :** These cases are removed by ambulances belonging to the St. John Ambulance Association, British Red Cross Society and Bognor Regis Urban District Council.

Professional Nursing in the Home.

General : District Nurses are employed by local Nursing Associations representing one or more parishes. The following is a list of the local Associations showing the number of Nurses employed :—

Sidlesham	...	...	...	...	...	...	1	nurse
North Mundham, Hunston	...	...	...	...	...	...	1	„
Selsey	...	...	...	...	...	...	1	„
W. Wittering, E. Wittering, Earnley and W. Itchenor							1	„
Barnham, Walberton	...	...	...	...	...	...	1	„
Yapton, Climping and Ford	...	...	...	...	...	...	1	„
Appledram, Donnington, Birdham	...	...	...	...	...	...	1	„
West Dean and Lavant	...	...	...	...	...	...	1	„
Singleton, Up Waltham and East Dean	...	...	...	...	...	...	1	„
Boxgrove, Westhampnett, Oving and Tangmere	...	...	...	...	...	...	1	„
Slindon, Eartham and Madehurst	...	...	...	...	...	...	1	„
Pagham, N. Bersted and Middleton (jointly with Bognor Regis)	...	...	...	...	...	...	3	„
Bosham and Fishbourne	...	...	...	...	...	...	2	„
Funtington	...	...	...	...	...	...	1	„
West Thorney, Chidham	...	...	...	...	...	...	1	„
Westbourne	...	...	...	...	...	...	1	„
Southbourne	...	...	...	...	...	...	1	„
Compton, Stoughton, Marden	...	...	...	...	...	...	1	„
Aldingbourne	...	...	...	...	...	...	1	„
Tortington (jointly with Arundel)	...	...	...	...	...	...	1	„

Infectious Diseases : By arrangement with the West Sussex County Nursing Association, all cases of Measles, Pneumonia and German Measles are visited by the Local District Nurse, and given nursing attention if required.

Midwifery : There are twenty-four practising midwives resident in the District, all of these being Nurse Midwives. In addition six other midwives resident in adjoining areas take cases in the Rural District.

Treatment Centres and Clinics.

Infant Welfare Centres :—

Chichester	... Clinic, Chapel Street.	... Tues. & Fri.	2.30 p.m.
Bognor Regis	... Health Centre, Westloats Lane	... Thursdays	... 2.30 p.m.
Aldingbourne	... Village Hall	... Fortnightly	... Fridays ... 2.30 p.m.
Southbourne	... Church Hall	... Fortnightly	... Wednesdays 2.0 p.m.
Walberton	... Village Hall	... Fortnightly	... Fridays. ... 2.30 p.m.
Yapton	... Village Hall	... Fortnightly	... Tuesdays. ... 2.30 p.m.

Ante-Natal Clinic :—

Chichester	... Ante-Natal Clinic, Chapel St.	... 1st & 3rd Tuesdays.	... 10.15 a.m.
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School Clinics :—

Chichester	... The Clinic, Chapel Street.	... Mondays	... 2.30 p.m.
Selsey	... Infants School, Selsey. (Minor ailments.)	... Tuesdays	... 10.30 a.m.
Bognor Regis Health Centre, Westloats Lane.		... Tuesdays	... 10.0 a.m.

Eye Clinic :—

Chichester ... The Clinic, Chapel Street. ... Wednesdays 2.0 p.m.

Dental Clinic :—

Chichester	... The Clinic, Chapel Street. ... (By appointment)	... Mondays Tuesdays & Wednesdays Alternate. Thursdays ... Saturdays ...	9.30 a.m. 2.0 p.m. 2.0 p.m. 9.30 a.m.
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Aural Clinic :—

Chichester The Clinic, Chapel Street At times as arranged.

Orthopaedic Clinic :—

Chichester ... The Clinic, Chapel Street ... At times as arranged.

Tuberculosis Clinic :—

Chichester ... The Clinic, Chapel Street ... Tuesdays. ... 10.0 a.m.

Venereal Diseases :—

Worthing Hospital	...	...	...	Women	...	Wednesdays	3-4 p.m.
				Men	...	"	4-5 p.m.
				Women	...	Fridays	... 4-6 p.m.
				Men	...	"	6-7 p.m.

Royal Portsmouth Hospital ...	...	{	Tuesdays ...	10-12 noon
			"	5-7 p.m.
	Men ...		Thursdays ...	10-12 noon
			"	5-7 p.m.
			Wednesdays	4 p.m.
		{	Mondays.	3.30-5.30 p.m.
	Women		Wednesdays	2-4 p.m.
			Fridays	...10-12 noon

Hospitals.

1. Tuberculosis :

(a) Aldingbourne House	...	...	61 beds for adults. 9 beds for children.
(b) Worthing Isolation Hospital	...	...	12 beds.
(c) Royal West Sussex Hospital	...	...	Beds as required.

2. Maternity.

- (a) Sussex Maternity and Women's Hospital, Brighton.
- (b) East Sussex County Council, Southlands Hospital, Shoreham-by-Sea.
- (c) Worthing Hospital.

3. Sick Children.

Royal Alexandra Hospital for Sick Children, Dyke Road, Brighton.

4. Smallpox.

Brighton Smallpox Hospital, Fulking, by arrangement with the West Sussex County Council and Brighton Corporation.

5. Infectious Diseases.

The Council have no Isolation Hospital but have arrangements with the Chichester Corporation and the Bognor Regis Urban District Council for the reception and treatment of infectious cases in the Isolation Hospitals of their respective Authorities, 10 beds being reserved for Rural District cases at the Chichester City Hospital and 5 beds at the Bognor Regis Hospital.

6. Itchenor Park Auxiliary Hospital.

As a result of the Government Evacuation Scheme, a small auxiliary hospital of 25 beds was established at Itchenor Park in September, 1939, for the reception and treatment of children suffering from minor infectious and contagious diseases, such as Whooping Cough, Measles, Chicken Pox, Impetigo and Scabies. The Institution was opened on the 14th October, and up to the 31st December, 71 children received treatment at the Hospital.

Section III.

SANITARY CIRCUMSTANCES OF THE AREA.

Water Supply.

Chichester Rural District Council Water Undertaking.—

This undertaking supplies portions of the Parishes of Westbourne, Chidham and Thorney.

During the year under review, two new 18" diameter boreholes were sunk, each to a depth of 400 feet, the yield, chemically and bacteriologically, being satisfactory. A new pump, with a capacity of 12,500 gallons per hour, was installed at an existing borehole in substitution for a worn out engine and reciprocating pump which had a maximum capacity of 7,000 gallons.

During the year, several extensions to existing water mains were carried out in the Parishes of Chidham and Westbourne. These extensions totalled 980 lineal yerds of 3" cast iron piping. In the Parish of Westbourne, the replacement of trunk mains was carried out, 1,100 lineal yards of 6" and 3,900 lineal yards of 5" piping being used.

It is estimated that during the year a total of 95,000,000 gallons were supplied.

The water is chlorinated, and the supply has been generally satisfactory, both as regards quantity and quality. Samples of water were taken for bacteriological examination at frequent intervals, a total of 11 samples being submitted during the year. The reports of the Bacteriologist have been uniformly satisfactory.

The scheme for the provision of a piped water supply in the Parishes of Singleton and East Dean was formulated, but owing to the war had to be postponed.

Other Public Water Undertakings.—Water main extensions by the Chichester Corporation have been carried out in the Parishes of Apuldram, Birdham, East Wittering, Bosham, Lavant, Westhampnett West Itchenor, West Wittering ; by the Bognor Regis Urban District Council in the Parishes of Aldingbourne, Boxgrove, Eastergate, Ford, Middleton-on-Sea, Pagham, Walberton, Westhampnett, and Yapton, and by the Selsey Water Company in the Parishes of North Mundham, Selsey and Sidlesham.

Drainage and Sewerage.

Important sewerage schemes have been under construction during the year at Selsey and Middleton-on-Sea. The work has been held up owing to the war, and at the end of the year both schemes are still incomplete.

The works of Selsey provide for the erection of a small self-contained sewerage disposal plant, but at Middleton the sewerage is to be discharged into the sewers of the Bognor Regis Urban District Council.

Owing to the war, it has not been possible to proceed with the proposed sewerage schemes in East and West Wittering, approval in principle for which has been given by the Ministry of Health.

Rivers and Streams.

No action has been taken to check the pollution of rivers and streams in the area.

Public Cleansing.

I am indebted to Mr. L. J. Lewis for the following report :—

- (a) HOUSE REFUSE.—During the year, the final stage of the re-organisation of the cleansing work in the district was carried out. The first stage carried out during 1938 comprised of the substitution of house to house collection by contract by a direct labour scheme, and the second stage, which was carried out during 1939, consisted of the extension of the refuse collecting service to additional parishes, together with the abolition of village dumps which in the past had been periodically cleared by either direct labour or by contract. Prior to the 1st April, 1939, direct labour house to house refuse collection service was provided in the Parishes of Aldingbourne, Barnham, Birdham, Bosham, Eastergate, East Wittering, Middleton-on-Sea, North Bersted, Pagham, Selsey, Singleton, Walberton, Westbourne, West Itchenor, West Wittering and Yapton, while public dumps in the Parishes of Bosham, Chidham, Funtington and Lavant were periodically tidied or emptied.

Prior to the 1st April, 1939, the Council had the following refuse collection machines in operation :—

- 1—12 cubic yard Dennis side loader.
- 1—10 cubic yard Dennis side loader.
- 1—15 cubic yard S. D. rear loader.
- 1— 7 cubic yard Dennis side loader.

On the 3rd April, 1939, two additional machines were put into service :—

- 1—15 cubic yard S.D. rear loader, and
- 1—7 cubic yard S.D. side loader.

Four types of collection were given after the 1st April, 1939 :—

1. Weekly collection from the rear of premises.
2. Weekly collection from the front of premises.
3. Fortnightly collection from the rear of premises.
4. Fortnightly collection from the front of premises, the type of collection given depending upon the state of development and the requirements of the various parishes.

After the 1st April, the following services were given in the various parishes :—

<i>Parish.</i>	<i>Type of Service.</i>
Aldingbourne ...	Fortnightly Front collection.
Appledram ...	Fortnightly rear ..
Barnham	Fortnightly front ..
Bersted	Weekly rear ..
Birdham	Fortnightly rear ..
Bosham	Weekly front ..
Boxgrove	Fortnightly front ..
Chidham	Fortnightly rear ..
Donnington ...	Fortnightly front ..
East Dean	Fortnightly front ..
Eastergate ...	Fortnightly front ..
East Wittering ...	Weekly rear ..
Funtington ...	Fortnightly rear ..
Hunston	Fortnightly rear ..
Lavant	Fortnightly rear ..
Middleton-on-Sea ...	Weekly rear ..
North Mundham ...	Fortnightly front ..
Pagham	Weekly rear ..
Selsey	Weekly rear ..
Sidlesham	Fortnightly rear ..
Singleton	Fortnightly rear ..
Slindon	Fortnightly front ..
Stoughton	Fortnightly front ..
Walberton	Fortnightly front ..
Westbourne ...	Weekly front ..
West Itchenor ...	Fortnightly rear ..
West Wittering ...	Weekly rear ..
Yapton	Fortnightly front ..

During 1939 a total quantity of 7,699 tons of refuse was collected. The refuse collected was disposed on tips at Aldingbourne, Middleton-on-Sea, Summersdale and Westbourne.

During November, the Council commenced a salvage scheme, but up to the end of the year only a small quantity of salvage material had been sold.

(b) CESSPOOLS.

1. *Parishes with a public scavenging scheme.*—

The parishes with a cesspool emptying scheme are Bosham, East Wittering, Middleton on-Sea, Westbourne and West Wittering. The machines used are :—

1—450 gallon Dennis vacuum tank.

2—750 gallon Dennis vacuum tanks.

3—750 gallon S.D. vacuum tanks.

1—800 gallon S.D. vacuum tank.

Disposal is into the various sewerage systems which are available, and a small quantity of liquid is disposed over land. During the year 4,232 cesspools have been emptied and a total quantity of 4,398,600 gallons of sewage removed.

2. *Parishes with private scavenging scheme.*

There are two private contractors who own vacuum tanks and empty cesspools in the neighbourhood of Selsey. Contents are discharged into the Council's sewer at Beach Road, Selsey.

(c) CLOSETS.

There is only one small area in the Parish of Bosham of approximately 30 houses from which night soil collection is made. The greater part of this parish is provided with a public sewer, and only those premises which cannot connect to the sewer are given the service.

Shops Act, 1934.

At the end of the year, there were 507 shops on the register. During the year, 129 visits and inspections were made to premises on the register.

Number of defects found on inspection ...	25
Insufficient or unsuitable ventilation ...	1
Sanitary defects	24
Number of defects remedied	24

Camping Sites.

Number of sites in the area which were used for camping purposes during 1939 242

Number of sites in respect of which licences have been issued by the Local Authority under Section 269 of the Public Health Act 48

Number of prosecutions in connection with camping sites ... 1

Estimated maximum number of campers resident in the area at any one time during the Summer Season of 1939, 5,600.

One conviction was obtained. The defendant appealed to the Quarter Session, and the Court upheld the conviction.

Three orders made in 1938 to remove structures had not been complied with at the end of the year.

Smoke Abatement.

There has been no need for action in this matter.

Swimming Baths and Pools.

There are two swimming baths or pools in the district, one at an hotel, the other at a holiday camp, which are open to residents and visitors. Both are provided with filtration and chlorination plants.

Eradication of Bed Bugs.

No house was found to be infected with bed bugs during the year.

Tents, Vans and Sheds.

During the year, 580 inspections were made by the Inspectors and 56 complaints in respect of tents, vans and sheds were received. Thirty-eights contraventions were observed, and 30 of these were abated.

Rats and Mice Destruction Act.

Farmers, Estate Agents, Land Occupiers, etc., were advised on anti-rat measures, and a considerable quantity of poison was issued during Rat Week.

Nine informal notices were served and the necessary steps were taken to reduce the infestations.

Mosquitoes.

No complaints have been received in respect of mosquitoes.

Rag Flock Acts, 1911 and 1928.

There are no premises in the district on which rag flock is manufactured, used or sold.

Schools.

There are thirty-four Public Elementary Schools in the district. Seven have water closets and twenty-seven earth closets. The water supply for twenty-two is from a public main, and for twelve is from wells.

There were no closures of Schools on account of infectious disease during 1939.

The cloakroom accommodation at Aldingbourne School has been improved.

Sanitary Inspection of the Area.

There are two Sanitary Inspectors, each having charge of a portion of the district. The Sanitary Inspector in charge of the smaller Eastern Area is also responsible for the supervision of the Public Cleansing throughout the District. There is also an additional Sanitary Inspector, who assists the Sanitary Inspectors as required.

Summary of Sanitary work and Improvements under Public Health and Housing Acts.

No. of inspections in regard to infectious disease	...	...	180
No. of premises disinfected after infectious disease	...	...	93
No. of verminous premises disinfected	...	...	0
No. of nuisances found to exist	...	...	171
No. of nuisances abated	...	...	147
Cases of overcrowding ascertained	...	...	4
Cases of overcrowding abated	...	...	12
Offensive accumulations found	...	...	30
Offensive accumulations removed	...	...	27
Keeping animals so as to be a nuisance :—			
Instances ascertained	...	...	5
Abated	...	...	5
Additional sanitary conveniences provided to premises where			
insufficient accommodation existed	...	...	2
W.C.'s fitted with flushing cisterns (previously hand flushed)	...	...	0
E.C.'s converted to W.C.'s	...	...	51
Privies converted to W.C.'s	...	...	4
Privies converted to E.C.'s	...	...	16
Defective W.C.'s repaired	...	...	9
Defective E.C.'s repaired	...	...	18
No. of houses provided with main water inside	...	...	82
No. of houses provided with sinks	...	...	48
No. of new drains laid (to existing premises)	...	...	55
No. of defective drains repaired	...	...	44
No. of choked drains cleared	...	...	120
No. of cesspools abolished	...	...	33
No. of ashbins provided	...	...	84
No. of yards paved	...	...	2
No. of defective windows repaired	...	...	62
No. of windows made to open	...	...	14
No. of roofs repaired	...	...	50
No. of houses where guttering and rainwater pipes have been			
repaired	...	...	56
No. of defective walls and ceilings where plastering has			
been repaired	...	...	54
No. of walls and ceilings cleansed	...	...	59
No. of damp walls treated, repointed or rendered	...	...	34
No. of damp floors relaid	...	...	8
No. of floors repaired	...	...	22
No. of water samples taken for analysis	...	...	204
No. of water samples found unfit for drinking	...	...	18
No. of wells cleansed	...	...	7
No. of wells condemned	...	...	20
No. of instances in which public supply has been substituted			
for well water	...	...	126

Summary.—

Total number of inspections made for all						
purposes	...	...	...	...	...	4459
Total number of notices served :—						
Informal	...	...	...	...	...	419
Statutory	...	...	...	...	...	0
Total number of summonses issued				...	...	4
Convictions obtained		...	...	...	...	3
Complaints received		...	...	...	...	213
Complaints found justified and dealt with				...	...	140

Section IV.

HOUSING.

Slum Clearance.

The following is the present position in regard to progress under slum clearance :—

Number of Houses included in the total programme :—

(1) Which have been demolished	37
(2) Which have been made fit	7
(3) Which have been put out of use for human habitation (including parts of buildings closed) and are not to be demolished	2
(4) Which are not accounted for in items 1-3 but in respect of which no further action is required	7
(5) In respect of which action is necessary but was not completed by 31st March, 1939	—
	53

Housing Statistics.

Number of New Houses erected during 1939 :—

Parish.	Total	Private Enter- prise	With State Assistance under Housing, etc., Acts.	
			By the Local Authority.	By other bodies or persons.
Appledram	9	9	—	—
Aldingbourne	2	2	—	—
Barnham	4	4	—	—
Bersted	7	7	—	—
Birdham	10	10	—	—
Bosham	49	49	—	—
Boxgrove	2	2	—	—
Chidham	1	1	—	—
Climping	3	3	—	—
Donnington	41	41	—	—
Eastergate	8	8	—	—
East Wittering	27	27	—	—
Ford	20	20	—	—
Funtington	1	1	—	—
Hunston	1	1	—	—
Middleton	32	32	—	—
North Mundham	2	2	—	—
Madehurst	1	1	—	—
Oving	4	4	—	—
Pagham	23	23	—	—
Selsey	20	20	—	—
Slindon	2	2	—	—
Sidlesham	2	2	—	—
Stoughton	2	2	—	—
Walberton	9	9	—	—
Westhampnett	1	1	—	—
Westbourne	71	59	12	—
West Itchenor	7	7	—	—
West Wittering	17	17	—	—
Yapton	5	5	—	—
	383	371	12	—

1. Inspection of Dwelling-houses during the year.—

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	410
(b) Number of inspections made for the purpose	868
(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	182
(b) Number of inspections made for the purpose	404
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	1
(4) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	118

2. Remedying of defects during the year without service of formal notice :—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	108
---	-----

3. Action under Statutory Powers during the year :—

A. Proceedings under Sections 9, 10 and 16, of the Housing Act, 1936 :—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs	Nil
(2) Number of dwelling-houses which were rendered fit after service of formal notices :—	
(a) By Owners	Nil
(b) By local Authority in default of Owners	Nil

B. PROCEEDINGS UNDER PUBLIC HEALTH ACTS :—

(1) Number of houses in respect of which notices were served requiring defects to be remedied	Nil
(2) Number of houses in which defects were remedied after service of formal notices :—	
(a) By Owners	Nil
(b) By Local Authority in default of Owners	Nil

C. PROCEEDINGS UNDER SECTIONS 11 AND 13 OF THE HOUSING ACT, 1936 :—

- | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|
| (1) Number of dwelling houses in respect of which Demolition Orders were made | ... | ... | ... | ... | ... | ... | Nil |
| (2) Number of dwelling-houses demolished in pursuance of Demolition Orders | ... | ... | ... | ... | ... | ... | Nil |

D. PROCEEDINGS UNDER SECTION 12 OF THE HOUSING ACT, 1936 :—

- | | | | |
|---|-----|-----|-----|
| (1) Number of separate tenements or underground rooms in respect of which closing orders were made | ... | ... | Nil |
| (2) Number of separate tenements or underground rooms in respect of which closing orders were determined, the tenement or room having been rendered fit | ... | ... | Nil |

E. HOUSING ACT, 1935—OVERCROWDING :—

- | | | |
|---|-----|-----|
| (a) i No. of dwellings overcrowded at the end of the year | ... | Nil |
| ii No. of families dwelling therein | ... | Nil |
| iii No. of persons dwelling therein | ... | Nil |
| (b) No. of new cases of overcrowding reported during the year | 4 | |
| (c) i No. of cases of overcrowding relieved during the year | 12 | |
| ii No. of persons concerned in such cases | 111 | |
| (d) No. of cases in which dwelling houses again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding | ... | Nil |

Section V.

INSPECTION AND SUPERVISION OF FOOD.

MILK SUPPLY.

Milk and Dairies Order, 1926.

Number of Farms in the District	...	...	...	...	266
Number of Cows in the District (approx.)	...	...	...	...	3228
Number of Dairymen (Cowkeepers and Milksellers) etc., in the District	...	...	...	...	269
Number of these registered as Wholesalers	...	...	...	...	142
Number registered as Retailers	...	...	...	...	80
Number registered as Wholesalers and Retailers	...	...	...	...	47
Number of Dairymen in the District exempt from registration by reason of not keeping cows for sale of milk	...	...	...	...	5

Cowsheds and Milkshops :—

Number of inspections made	...	...	...	...	398
Number of inspections during milking time	...	...	...	...	310
Number of contraventions of the Regulations found	...	...	...	...	103

Number of premises found to require :—

(a) Cleansing	...	...	...	...	...	45
(b) Structural or sanitary improvements :—						
(1) Lighting and ventilation defective	...	...	...	...	...	3
(2) Walls and floors defective	...	...	...	...	...	13
(3) Drainage, water supply, etc.	...	...	...	...	...	6
(c) Other contraventions	...	...	...	...	...	36

Number of these requirements carried out :—

(a) Cleansing	...	...	...	...	...	32
(b) Structural	...	...	...	...	...	14
(c) Other contraventions abated	...	...	...	...	...	36

Water Supply to Dairy Premises :—

	<i>Public</i>	<i>Well</i>	<i>Private Estate</i>
	<i>Supply</i>	<i>Water</i>	<i>Reservoirs.</i>
Cowsheds and Dairies	... 132	98	39

Milk (Special Designations) Orders, 1931-38.

The following licenses have been granted during the year :—

(a) BY CHICHESTER RURAL DISTRICT COUNCIL :—

Tuberculin Tested Milk.—

(1) Dealers Licences	...	...	...	...	4
(2) Dealers Licence and Bottling Establishment...	...	...	...	...	1
(3) Supplementary Licences	...	...	...	...	2

Pasteurised Milk.—

(1) Supplementary Licences	1
----------------------------	-----	-----	-----	-----	---

(b) BY WEST SUSSEX COUNTY COUNCIL :—

(1) Tuberculin Tested	...	...	...	...	28
(2) Accredited	...	...	...	...	108

During the year, 331 samples of designated milk were submitted for examination by the County Council :—

<i>Designation.</i>	<i>No. of Samples</i>	<i>Satisfactory.</i>	<i>Unsatisfactory.</i>
Tuberculin Tested	74	48	26
Accredited ...	257	194	63

Legal Proceedings.

It was not necessary to take any action under the Orders and Regulations during the year.

MEAT AND OTHER FOODS.

There is no public abattoir in the District. All slaughtering is done in private slaughterhouses, which number 11, and 4 being registered. The use of one licensed slaughterhouse was discontinued during the year.

Details of inspections carried out during the year are as follows :—

Inspections of Slaughterhouses under Meat Regulations	...	385
Number of Inspections to Butchers' Shops	...	64
Number of Inspections to Vehicles or carts	...	39

During the year, 9 informal notices were served for contraventions of the Byelaws. All 9 notices were complied with.

The following table shows details of the carcasses inspected and condemned :—

	<i>Cattle including cows</i>	<i>Calves</i>	<i>Sheep and lambs</i>	<i>Pigs</i>
Number inspected	298	36	1856	488
All diseases except T.B.—				
Whole carcasses condemned...	1	—	—	1
Carcasses of which some part or organ was condemned ...	5	—	—	5
Percentage of the number inspected affected with disease other than T.B. ...	2.01	—	—	1.23

	<i>Cattle including Cows</i>	<i>Calves</i>	<i>Sheep & Lambs</i>	<i>Pigs</i>
Tuberculosis only. —				
Whole carcasses condemned...	7	—	—	—
Carcases of which some part or organ was condemned ...	6	—	—	26
Percentage of the number inspected affected with Tuberculosis	4.69	—	—	5.32

Slaughter of Animals Act, 1933.

During the year, 2 licences and 28 renewal licences to slaughter animals were granted by the Local Authority.

Bread.

There are 29 bakehouses in the district (none of them underground) of which 63 inspections have been made. Twelve notices were served regarding the following defects (limewashing and cleansing, drainage defects, floors defective) all of which have been complied with.

Shell Fish.

There are winkle beds at Chichester Harbour, Sidlesham Harbour and off Selsey, and cockles are also found at Chichester Harbour. These winkles and cockles are marketed in Portsmouth, Brighton, Worthing, Littlehampton and locally.

Food and Drugs Adulteration Act, 1938.

The following table, supplied by the County Council, who is the Administrative Authority for the Food Adulteration Section of the Food and Drugs Act, 1938, shows the number of samples taken in the District during the year and the results of examination :—

<i>Sample</i>	<i>No. Taken</i>	<i>Genuine</i>	<i>Not Genuine.</i>
New Milk ...	9	9	—
Butter	1	1	—

Other Foods.

No other foods have been found unsound, nor have any been voluntarily surrendered.

Watercress.

The source of a case of Typhoid Fever which occurred in a neighbouring town was suspected to be water cress grown in the district. Samples of water from the watercress beds were found to contain *Bacillus Coli* but no further evidence was found.

Section VI.

PREVALENCE AND CONTROL OF INFECTIOUS AND OTHER DISEASES.

Apart from increased prevalence of mild Scarlet Fever during the latter half of the year, there has been no notable increase in the occurrence of Infectious Diseases during the year.

Smallpox.

No cases were notified during the year, and no deaths were registered as due to this disease.

Diphtheria.

The number of cases notified during the year was 7, as compared with 8 in 1938. All except one of these cases occurred during the latter half of the year. The infection in the majority of the cases was mild in character, but in one case, an evacuee child aged 3 years, the larynx was involved, and the child died 10 hours after admission to hospital, in spite of the fact that tracheotomy was performed. As the child was an evacuee, the death is regarded as an outward transfer, and is not included in the death returns for this district.

The 7 cases notified were distributed as to time and parishes as in the table below :—

<i>Parish.</i>	<i>May</i>	<i>July</i>	<i>Aug.</i>	<i>Sept.</i>	<i>Nov.</i>	<i>Dec.</i>
Ford	1	—	—	—	—	—
Bersted	—	1	—	—	—	—
East Wittering	—	—	1	—	—	1
Selsey	—	—	—	1	—	—
Boxgrove	—	—	—	—	1	1
Totals :—	1	1	1	1	1	2

Supply of Diphtheria Anti-Toxin.

Diphtheria Anti-Toxin is supplied free to general practitioners for prophylactic and treatment purposes. It can be obtained from the Public Health Offices, East Pallant House, Chichester, during office hours, and from the Chichester City and Bognor Regis Isolation Hospitals at other times.

Diphtheria Immunisation.

Immunisation of children of school and pre-school age by the Medical Officers of the County Health Department has continued. A monthly clinic is now held at the Chichester Health Centre for the immunisation of children of all ages. The prophylactic used is A.P.T. (B.W. and Co.) given in an initial dose of 0.1 c.c. followed after an interval of four weeks by a second injection of 0.5 c.c.

The prophylactic is supplied on application to medical practitioners free of charge. No Diphtheria immunisation scheme has been organised by the Rural District Council, but 17 patients admitted to Itchenor Park Auxiliary Hospital were immunised during their stay in Hospital.

Scarlet Fever.

The number of cases notified during the year was 72, as compared with 34 in 1938. Of these, 55 cases were removed to Hospital, 42 being admitted to Chichester City Isolation Hospital, and 13 to the Bognor Regis Isolation Hospital.

It will be seen from the following table that the majority of cases occurred during the latter half of the year, and that the greatest incidence was in the Parish of Westbourne :—

PARISH	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
West Dean ...	1	...	...	...	...	...	3	...	...	...	...	...
Eastergate	1	...	...	...	...	...	...	...	...	...	...
Westbourne	1	1	...	...	1	6	6	6	3	4
Bersted	1	...	...	...	...	...	2	...	...
Hunston	1	...	...	...	...	...	...	...	...
Middleton-on-Sea	1	...	1	...	...	1	...	...	...
Boxgrove	1	1	...	...	...	...	...	2	...
Marden	1	...	...	...	...	...	...	...
Chidham	1	...	...	...	...	...	...	1
Pagham	1	...	...	...	...	...	1
Lavant	1	...	1	...	...
Westhampnett	1	...	...	...	...	...
Sildesham	2	...	...	...	2
Aldingbourne	4	...	...	...
East Wittering	1	...	...	...
Barnham	3	1	...	...
North Mundham	1	...	...
Bosham	1	2	1
Selsey	2
Oving	1
Totals. ...	1	1	1	5	3	2	5	9	15	12	7	11

Erysipelas.

Sixteen cases were notified during the year, as compared with 18 in 1938. Of these, 4 cases were removed to the Chichester City Isolation Hospital.

Cerebro-Spinal Meningitis.

No cases were notified during the year, and no deaths were registered as due to this disease.

Dysentery.

No cases were notified during the year. One case was registered as having died from Dysentery, the patient being a child of 8 years, who was admitted to hospital and subsequently died.

Enteric Fever.

No cases of Typhoid or Para-typhoid Fever were notified during the year and no deaths were registered as due to this disease.

Pneumonia (Acute, Primary and Influenzal)

There were 25 cases of Acute Primary and Acute Influenzal Pneumonia notified during the year ; one patient was removed to Hospital. Deaths registered in 1939 from all forms of Pneumonia numbered 12.

Influenza.

During the year 6 deaths were attributed to this disease.

Measles and Whooping Cough.

Since these diseases became notifiable on the 23rd October, 1939, 2 cases of Measles and none of Whooping Cough have been notified. There were no deaths from Measles or Whooping Cough during the year.

Puerperal Pyrexia.

Six cases of Puerperal Pyrexia were notified during the year, 3 of them occurring in an Emergency Maternity Hospital, two in a Nursing Home and one at home. All the patients eventually recovered.

Ophthalmia Neonatorum.

Two cases of this disease were notified, both occurring at home. One baby was admitted to hospital. No impairment of vision followed in either case.

Table showing cases of Infectious Disease Notified during the Year.

Disease.	Total No. of cases notified	Cases ad- mitted to hospital.	Total. Deaths.	Age Distribution.												
				Under 1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	Over 65	
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria (including Membranous Croup)	7	7	1	—	—	2	1	—	1	—	—	2	—	—	—	—
Erysipelas...	16	1	—	—	—	—	—	—	—	—	—	1	—	6	9	—
Scarlet Fever	72	55	—	2	1	—	5	11	24	9	5	9	4	2	—	—
Enteric Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia	6	1	—	—	—	—	—	—	—	—	—	5	1	—	—	—
Cerebro-Spinal Meningitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Poliomyelitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum	2	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—
Respiratory Tuberculosis	11	—	11 } *	—	—	—	—	—	1	—	1	6	1	1	1	1
Other Tuberculosis	14	—	5 }	1	1	—	—	1	4	2	—	3	—	—	—	—
Malaria	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia	25	1	—	—	1	—	—	5	4	5	—	2	1	2	5	—
Measles	2	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—
Totals—	155	65	17	3	5	3	6	17	34	17	7	28	8	11	16	16

* This figure gives the total number of deaths from Tuberculosis during the year, including cases not notified during 1939, transfers from other areas and re-registered cases, etc.

Cancer.

The number of deaths attributed to Cancer during the year was 54, as compared with 58 during 1938.

The following is an analysis of the age and sex distribution of all persons who were certified as dying of Cancer during the year.

<i>Ages.</i>	<i>Males.</i>	<i>Females.</i>	<i>Totals.</i>
0-15	—	—	—
15-25	—	—	—
25-35	—	—	—
35-45	—	—	—
45-55	1	6	7
55-65	9	7	16
65-75	6	8	14
75—	5	12	17
Totals	21	33	54

Localisation of the Disease.

Buccal Cavity	...	...	Lip	...	...	...	...	...	1
Digestive Tract	...	...	Stomach	...	...	...	...	...	14
			Colon	...	...	...	...	...	11
			Rectum	...	...	...	...	...	3
			Liver	...	...	...	...	...	1
			Pancreas	...	...	...	...	...	4
			Peritoneum	...	...	...	...	...	1
			Other Organs	...	...	...	...	...	2
Respiratory Organs	...	}	Lungs	...	...	...	...	...	4
			Other organs	...	...	...	...	...	1
Male Genito-Urinary Organs			Prostate	...	...	...	...	...	1
Female Genital Organs	...		Uterus	...	...	...	...	...	4
Breast	...	...	...	...	...	...	...	...	3
Skin	...	...	...	...	...	...	...	...	1
Other Sites	...	...	...	...	...	...	...	...	3
									54

Tuberculosis.

The following tables give details of the number of cases on the Tuberculosis Register, together with particulars of new cases of Tuberculosis and of deaths from the disease in the year 1939 :—

Live Register of Tubercular Patients.

	<i>Pulmonary Cases</i>			<i>Non-Pulmonary Cases.</i>			<i>Total Cases (All forms)</i>		
	<i>M.</i>	<i>F.</i>	<i>Total.</i>	<i>M.</i>	<i>F.</i>	<i>Total.</i>	<i>M.</i>	<i>F.</i>	<i>Total.</i>
(1) No. on Register at 31/12/38 ...	39	37	76	19	23	42	58	60	118
(2) Cases previously removed and returning during 1939 ...	1	—	1	—	—	—	1	—	1
(3) New cases notified (or otherwise coming to knowledge) in 1939	7	10	17	8	6	14	15	16	31
(4) Cases removed from Register in 1939	8	9	17	5	5	10	13	14	27
(5) No. on Register at 31/12/39 ...	39	38	77	22	24	46	61	62	123

New Cases and Mortality.

<i>Age Periods.</i>	<i>NEW CASES.</i>				<i>DEATHS.</i>			
	<i>Pulmonary</i>		<i>Non Pulmonary</i>		<i>Pulmonary</i>		<i>Non-Pulmonary</i>	
	<i>M.</i>	<i>F.</i>	<i>M.</i>	<i>F.</i>	<i>M.</i>	<i>F.</i>	<i>M.</i>	<i>F.</i>
0 to 1	—	—	—	—	—	—	—	—
1 to 5	—	—	2	1	—	—	—	1
5 to 10	1	—	2	2	—	—	2	—
10 to 15	—	—	2	—	—	—	—	—
15 to 20	1	—	—	1	—	—	—	—
20 to 25	3	2	1	1	1	—	—	—
25 to 35	—	6	1	—	2	1	—	—
35 to 45	1	—	—	—	1	1	1	—
45 to 55	1	1	—	—	—	—	1	—
55 to 65	—	—	—	—	1	—	—	—
65 and upwards	—	1	—	1	1	3	—	—
Totals	7	10	8	6	6	5	4	1

No person died from Tuberculosis who had not been notified in the district during life.

No action was taken under the Public Health (Prevention of Tuberculosis) Regulations, 1925, or Public Health Act, 1936, Section 172, during the year.

